

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address XTO ENERGY, INC 382 ROAD 3100 AZTEC , NM 87410		2. OGRID Number 5380
		3. API Number 30-025-38702
4. Property Code 36950	5. Property Name WHIRLWIND 25 STATE	6. Well No. 001

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	25	16S	34E	P	660	S	990	E	LEA

8. Pool Information

VACUUM;ATOKA-MORROW, NORTH (GAS)	86800
----------------------------------	-------

Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 4037
14. Multiple N	15. Proposed Depth 13100	16. Formation Morrow	17. Contractor	18. Spud Date
Depth to Ground water 105		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ mils thick Clay <input type="checkbox"/> Pit Volume: 30000 _____ bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.38	48	400	425	
Int1	12.25	9.58	36	4800	1700	
Prod	8.75	5.5	17	13100	1100	

Casing/Cement Program: Additional Comments

XTO Energy Inc proposes to: *Drill 17-1/2" hole to 400', run 13-3/8" csg (48# H-40) w/class Lite Prem Plus cmt to surf. *Drill 12-1/4" hole, run 9-5/8" csg (36#J-55 ; 40#J-55; 40# HCK-55) w/Interfill C and PremPlus cmt. *Drill 8-3/4", run 5-1/2" csg (17# HCP-110) w/Interfill H and Premium cmt. MUD PROGRAM: 0-400', 8.6-9.0ppg FW; 400-1800', 8.4-8.8 FW; 1800-4800', 9.8-10.1 Brine; 4800-10000, 10.0 Brine; 10500-13100', 10.0-11.3 Weighted Brine w/LCM *BOP: Case III

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Hydril	5000	5000	Schaeffer
DoubleRam	10000	10000	Schaeffer

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input checked="" type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Cheryl Moore Title: Production Accounting Supervisor Email Address: Cheryl_moore@xtoenergy.com Date: 1/21/2008	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 1/23/2008	Expiration Date: 1/23/2010
	Conditions of Approval Attached	
	Phone: 505-333-3143	

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
		Vacuum; Atoka- Morrow, North Gas Pool
Property Code	Property Name	Well Number
	WHIRLWIND 25 STATE	1
OGRID No.	Operator Name	Elevation
5380	XTO ENERGY	4037'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	25	16-S	34-E		660	SOUTH	990	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
320									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

GEODETIC COORDINATES
NAD 27 NME

Y=687651.2 N
X=753245.8 E

LAT.=32.887712° N
LONG.=103.508362° W

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Sorina L Flores 1/21/07
Signature Date
Sorina L. Flores
Printed Name

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

JANUARY 7, 2008

Date Surveyed DSS
Signature & Seal of
Professional Surveyor

Ronald J. Eidson 1/11/08
10711-1850

Certificate No. GARY G. EIDSON 12641
RONALD J. EIDSON 3239

Permit Comments

Operator: XTO ENERGY, INC , 5380

Well: WHIRLWIND 25 STATE #001

API: 30-025-38702

Created By	Comment	Comment Date
pkautz	This well location is in Lea County not Eddy Co. Correct pool is Vacuum;Atoka-Morrow, North Gas Pool. You have only 40 acres dedicated to well. This pool requires 320 acres. Re-submit with 320 acres dedicated.	1/21/2008
DMULL	Acerage dedication will require Com agreement. 320 acres is part State and part Federal.	1/22/2008

Permit Conditions of Approval

Operator: XTO ENERGY, INC , 5380

Well: WHIRLWIND 25 STATE #001

API: 30-025-38702

OCD Reviewer	Condition
pkautz	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines